

## RubbaSorb-S Fire Resistant Polyurethane Foam

Product Code: RUBBASORB-S

### Product Description

This is a flexible polyurethane foam with fantastic sound absorption properties, combined with exceptional fire-retardant properties. It has a Class 0 rating to the Building Regulations Document B Appendix A Paragraph 12b, making it ideal for applications where high fire performance is essential, such as building, marine, heating, and ventilation.

### Physical Properties

Property	Value
Compound	Open Cell Polyurethane
Hardness	120 - 180N
Density	75 - 100kg/m <sup>3</sup>
Tensile Strength	> 70kPa
Elongation at Break	90%
Thermal Conductivity	0.048 – 0.051W/mK
Compression Set (22h, 100°C)	20%
Erosion Resistance	6000ft/min
Working Temperature Range	-40°C to +110°C
Environmental Protection	CFC free



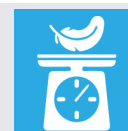
Flame Retardant



Sound Reduction



Durable



Lightweight

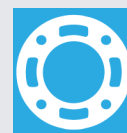
#### Available In -



Full Rolls



Cut to Strip



Bespoke Gaskets



Adhesive-Backed



ISO  
9001 : 2015  
REGISTERED

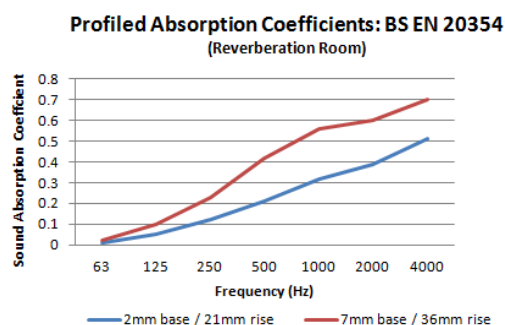
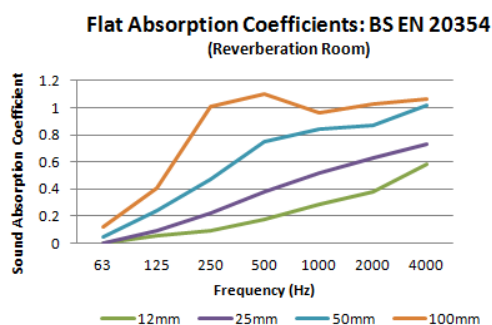
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## Flammability Properties

Test Method	Result
BS 476 Part 5	Non-Ignition
BS 476 Part 6	$I \leq 12, I_1 \leq 6$
BS 476 Part 7	Class "1"
BS 476 P6 & P7 Building Regulations	Class "0"
BS EN ISO 4589-3	No ignition, tested at 240°C, 300°C, 360°C and 380°C
UL94	V-0, 94-5V
BS6853:1987 App. B.5.3	$A_{0(max)} < 5$
NES 713	$< 3.0$

## Acoustic Performance Of RubbaSorb-S

The tables below show the sound absorption coefficients for our RubbaSorb foam. This material has been measured to ASTM and BS EN 20354 (previously BS 3638: 1963) as these are the most common testing standards. Both of these methods of testing can be used to give an indication of the potential performance of RubbaSorb. It is worth noting, however, that performance can vary depending on a number of factors. Neither test can predict the overall performance of the material in a real application.



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